

STAVIS SEAFOODS, INC.

AMMONIA REFRIGERATION MANAGEMENT PROGRAM

STANDARD OPERATING PROCEDURES — AMMONIA UNLOADING (LOAD-IN) PROCEDURE

	6. Allow the delivery person to use his checklist to check	
	7. Slowly remove the cap from the unloading line at the controlled pressure receiver (CPR). Install proper adaptor for liquid hose. CPR 1-19	
	8. Work with delivery driver as required. Unroll the ammonia hose and inspect it carefully for cracks or other signs of wear that could result in hose failure and to ensure it is rated for ammonia service and verify that it is with in date. Never use a hose that is in poor condition or that is not rated and is verified safe and in date for ammonia service.	
	9. When you have completed the above steps, give the go ahead to the delivery person that he may connect the hose to the tank truck and to the unloading line.	
	10. Plant engineer or plant operator should monitor the delivery person as he closes the bleed valve on the unloading hose.	
	11. Open the valve in the unloading line at the CPR and the manual valves on the tank truck.	
	12. Monitor closely as truck pump is started and begin unloading ammonia to the CPR. Verify that the pump flow direction indicator shows proper flow direction. Be sure to monitor the levels in the controlled pressure receiver and in the tank truck.	
	13. When the ammonia unloading is completed, close the unloading valve located on the tank truck first and then close the valve located on the CPR.	
	14. See that the pump down system on the truck is used to pump down any residual ammonia in the unloading hose back to the truck.	
	15. Open the bleed valve to drain any residual ammonia in the unloading hose into a bucket of water. When there is no more ammonia in the hose, close the bleed valve and disconnect the bleed hose and the unloading hose.	
	16. Wait approximately 10 min. to let any residual oil drip off the unloading line. Then replace the cap on the unloading line.	
	17. Be sure to monitor the level in the high pressure receiver over the next several hours.	.
	18. After the work is completed, notify the area personnel, the supervisors, and the backup personnel.	